

I.F. FINE

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Chikara MURAKATA et al.

Serial No : 10/575,093  
(National Stage of PCT/JP2004/015293)

Confirmation No.: 6880

Group Art Unit: 1626

I.A. Filed : October 8, 2004

Examiner: S. LOEWE

For : THIADIAZOLINE DERIVATIVE

## FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents  
U.S. Patent and Trademark Office  
Customer Service Window, Mail Stop Amendment  
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401 Dulany Street  
Alexandria, VA 22314

Sir:

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98, and supplemental to the Information Disclosure Statements previously filed, Applicants hereby direct the Examiner's attention to the following documents which include documents cited in commonly assigned, co-pending patent applications, a list of commonly assigned, co-pending applications themselves which have not previously been listed in an Information Disclosure Statement; and documents cited in an International Search Report or an International Preliminary Report on Patentability for an application to which a commonly assigned, co-pending application claims priority:

- (1) US Patent 4,346,225 (Tao et al.) 08/24/82;
- (2) US Patent 5,643,911 (Yamada et al.) 07/01/97;
- (3) US Patent 5,814,647 (Urban et al.) 09/29/98;

- (4) US Patent 6,207,690 (Urban et al.) 03/27/01;
- (5) US Patent 6,235,762 (Takasugi et al.) 05/22/01;
- (6) US Patent 6,992,082 (Finer et al.) 01/31/06;
- (7) US Patent 7,060,705 (Fraley et al.) 06/13/06;
- (8) US Patent 7,119,089 (Finer et al.) 10/10/06;
- (9) US Patent 7,230,000 (Finer et al.) 06/12/07;
- (10) US 2002/0143026 (Lombardo et al.) 10/03/02;
- (11) US 2002/0165240 (Kimball et al.) 11/07/02;
- (12) US 2003/0008888 (Kimball et al.) 01/09/03;
- (13) US 2004/0132719 (Finer et al.) 07/08/04;
- (14) US 2004/0132830 (Finer et al.) 07/08/04;
- (15) US 2004/0259826 (Fraley et al.) 12/23/04;
- (16) US 2005/0119484 (Breslin et al.) 06/02/05;
- (17) US 2005/0203110 (Coleman et al.) 09/15/05;
- (18) US 2006/0014736 (Finer et al.) 01/19/06;
- (19) US 2006/0100161 (Hans et al.) 05/11/06;
- (20) US 2007/0213380 (Murakata et al.) 09/13/07;
- (21) US 2007/0254902 (Finer et al.) 11/01/07;
- (22) DD 243930 (03/18/87);
- (23) EP 0 217 519 (04/08/87);
- (24) EP 1 454 903 (09/08/04);
- (25) JP 8-34734 (02/06/96);
- (26) JP 62-53976 (03/09/87);

- (27) WO 00/42029 (07/20/00);
- (28) WO 01/30768 (05/03/01);
- (29) WO 03/039460 (05/15/03);
- (30) WO 03/079973 (10/02/03);
- (31) WO 2004/039774 (05/13/04);
- (32) WO 2004/111023 (12/23/04);
- (33) WO 2004/111024 (12/23/04);
- (34) WO 2005/035512 (04/21/05);
- (35) WO 2006/044825 (04/27/06);
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- (37) WO 2006/101103 (09/28/06);
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- (98) CAS Registry Number: 307332-22-5;
- (99) CAS Registry Number: 307332-24-7;
- (100) CAS Registry Number: 307332-28-1;
- (101) CAS Registry Number: 307332-29-2;
- (102) CAS Registry Number: 307332-30-5;
- (103) CAS Registry Number: 307332-31-6;
- (104) CAS Registry Number: 307332-32-7;
- (105) CAS Registry Number: 313523-88-5;
- (106) CAS Registry Number: 313523-91-0;
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- (108) CAS Registry Number: 313558-45-1;
- (109) CAS Registry Number: 330683-65-3;
- (110) CAS Registry Number: 330683-67-5;
- (111) CAS Registry Number: 332389-23-8;
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(Murakata et al.) entitled "Therapeutic Agent for Solid Tumor," which is the  
National Stage Entry of PCT/JP2006/305645;
- (176) Commonly assigned, co-pending US Patent Application No. 11/909,324 (Nakai et  
al.) entitled "Therapeutic Agent for Hematopoietic Tumor," which is the National  
Stage Entry of PCT/JP2006/305646;

- (177) Commonly assigned, co-pending US Patent Application No. 11/993,757 (Nakai et al.) entitled "Therapeutic Agent for Restenosis," which is the National Stage Entry of PCT/JP2006/312531;
- (178) Commonly assigned, co-pending US Patent Application No. 12/098,736 (Murakata et al.) entitled "Thiadiazoline Derivative," which is a divisional of National Stage US Patent Application No. 10/497,531, now allowed;
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Further to 37 C.F.R. §1.98 (a)(2)(ii) and the U.S. Patent and Trademark Office's decision to waive the requirement under 37 C.F.R. §1.98 (a)(2)(iii) if the U.S. patent application was filed after June 30, 2003, copies of the U.S. patent publications and patent applications are not enclosed herewith. However, if any copy is needed, the Examiner is respectfully requested to contact the undersigned.

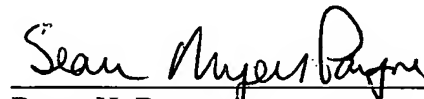
Applicants respectfully request that the Examiner consider the above material and cite the same. Copies of the above-listed documents, with exception of the U.S. patent documents, are enclosed, and all of the documents are listed on an attached PTO-1449 Form. Copies of the International Preliminary Examination Report (in English and Japanese) for PCT/JP02/12961, the International Search Report (in English and Japanese) for PCT/JP2006/305645, the

International Preliminary Report on Patentability including the Written Opinion (in English) for PCT/JP2006/305645, the International Search Report (in English and Japanese) for PCT/JP2006/305646, the International Preliminary Report on Patentability including the Written Opinion (in English) for PCT/JP2006/305646, the International Search Report (in English) for PCT/JP2006/312531, and the International Preliminary Report on Patentability including the Written Opinion (in English) for PCT/JP/2006/312531 are also enclosed. The Examiner is respectfully requested to consider these documents and to indicate such consideration by returning a signed and initialed copy of the PTO-1449 Form with the next official communication.

Applicants note that this Information Disclosure Statement is being filed prior to an Action on the merits and subsequent to a Request for Continued Examination. Accordingly, Applicants believe no additional fee is necessary except for the fee for filing a Request for Continued Examination.

If there are any questions, the Examiner is invited to contact the undersigned at the telephone number listed below.

Respectfully submitted,  
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